color linear strips respectively of said different primary colors, each color phosphor linear stripe extending continuously and without interruption within, and substantially throughout the length of, the respective elongated cavity.

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2. (AS ONCE AMENDED HEREIN) A substrate assembly as recited in claim 1, wherein:

each barrier rib has opposite sidewalls substantially transverse to the main surface of the insulating plate, opposed sidewalls of adjacent barrier ribs comprising corresponding sidewalls of the respective, elongated cavity defined therebetween; and

each color phosphor linear stripe is formed so as to extend in the second direction between, and substantially onto and covering, the corresponding, opposed sidewalls of the adjacent barrier ribs.

14. (AS ONCE AMENDED HEREIN) A plasma display panel comprising:

a first substrate having a main surface and plural elongated barrier ribs disposed on the main surface in parallel relationship, spaced in a first direction and extending in a second direction along the main surface, different from the first direction, and defining plural, corresponding elongated cavities therebetween of substantially a common length in the second direction, each elongated cavity extending continuously between the corresponding pair of adjacent elongated barrier ribs throughout the length thereof; and

plural address electrodes, each address electrode aligned with a respective pair of adjacent barrier ribs and extending along and throughout the length of the corresponding cavity;

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plural sets of color phosphor stripes, each set comprising a common number of plural color phosphor stripes of respective, different colors received in a respective set of plural, corresponding adjacent cavities, each color phosphorous stripe extending continuously and without interruption substantially throughout the length of the corresponding cavity; and

a second substrate disposed on the first substrate, contacting the barrier ribs and enclosing the cavities defined therebetween, the second substrate having plural pairs of display electrodes thereon, extending in the first direction and crossing the barrier ribs, the corresponding cavities and the associated address electrodes, each pair of display electrodes defining, with the successive sets of color phosphor stripes and respective address electrodes crossed thereby, respective and successive image elements.

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19. (AS ONCE AMENDED HEREIN) A plasma display panel comprising:

a first substrate having a main surface and plural elongated barriers disposed on the main surface in parallel relationship, spaced in a first direction and extending along the main surface in a second direction, different from the first direction, and defining corresponding plural elongated cavities therebetween, each cavity extending continuously and without interruption throughout the length thereof;

plural address electrodes, each address electrode being disposed centrally of a respective cavity and extending along the length of the corresponding cavity;

B3 plural sets of color phosphor stripes, each set comprising a common number of plural color phosphor stripes of respective, different colors received in a respective set of plural, corresponding adjacent cavities, each color phosphorous stripe being continuous and uninterrupted throughout a length thereof and each cavity having only a single, continuous and uninterrupted length color phosphor stripe therein; and

a second substrate disposed on the first substrate and having plural display electrodes thereon, extending in the first direction and crossing the barrier ribs and the corresponding cavities and respective address electrodes, and thereby defining an array of plural surface discharge cells arranged in rows in the first direction and columns in the second direction, individual discharge cells of each row being separated by corresponding barrier ribs and individual discharge cells of each column being defined by the respective display electrodes crossing the respective cavity.

24. (AS ONCE AMENDED HEREIN) A substrate assembly for a surface discharge color type plasma display panel comprising:

a first substrate having a main surface and plural elongated barrier ribs disposed on the main surface in parallel relationship, spaced in a first direction and extending along the main surface in a second direction, different from the first direction, and defining corresponding plural elongated cavities therebetween, each cavity extending continuously and without interruption throughout a length thereof;

B4 plural address electrodes, each address electrode aligned with a respective elongated cavity and extending along the length of the corresponding cavity; and

plural sets of color phosphor stripes, each set comprising a common number of plural color phosphor stripes of respective, different colors received in a respective set of plural, corresponding adjacent cavities, each color phosphorous stripe covering the respective address electrode in the corresponding cavity and being continuous and extending without interruption throughout a length thereof and each cavity having only a single, continuous length color

B4 phosphor stripe therein.

28. (AS ONCE AMENDED HEREIN) A substrate assembly for a surface discharge type plasma display panel having plural discharge cells arranged in plural rows and columns, each row comprising plural discharge cells corresponding respectively to the plural columns thereof, comprising:

an insulating plate having a main surface and first and second mutually perpendicular directions defined thereon;

plural address electrodes supported on the main surface of the insulating plate, spaced in parallel relationship and so as to define corresponding gaps therebetween in the first direction and extending in the second direction, the plural address electrodes corresponding respectively to the plural columns of discharge cells;

B5 plural barrier ribs supported on the main surface of the insulating plate and disposed respectively in the corresponding gaps between the plural address electrodes and correspondingly spaced in parallel relationship in the first direction and extending in the second direction, parallel to the plural address electrodes and respectively defining plural elongated cavities therebetween, the plural elongated cavities being of a substantially common length in the second direction and each elongated cavity being continuous and uninterrupted throughout the length thereof and accommodating therein a respective column of plural, spaced discharge cells; and

plural color phosphor layers of different primary colors formed respectively in the plural elongated cavities and arranged in a repeating succession, in the first direction, of plural sets of linear stripes respectively of said different primary colors, each color phosphor linear stripe extending continuously and without interruption within, and substantially throughout the length of, the respective elongated cavity, the plural, spaced discharge cells accommodated therein corresponding to respective, spaced portions of the continuous phosphor linear stripe.

please ADD the following claims:

41. (AS NEW HEREIN) A substrate assembly as recited in claim 1, wherein each color phosphor layer has a thickness in a range of from 10 to 50 μm.

B6 42. (AS NEW HEREIN) A substrate assembly as recited in claim 24, wherein each color phosphor layer has a thickness in a range of from 10 to 50 μm.

43. (AS NEW HEREIN) A substrate assembly as recited in claim 28, wherein each color phosphor layer has a thickness in a range of from 10 to 50 μm.

44. (AS NEW HEREIN) A substrate assembly as recited in claim 1, wherein each color phosphor stripe is coated on a whole internal surface of the respective elongated cavity and is of a thickness in a range of from 10 to 50 μm.

45. (AS NEW HEREIN) A substrate assembly as recited in claim 24, wherein each color phosphor stripe is coated on a whole internal surface of the respective elongated cavity and is of a thickness in a range of from 10 to 50 μm.

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46. (AS NEW HEREIN) A substrate assembly as recited in claim 28, wherein each color phosphor stripe is coated on a whole internal surface of the respective elongated cavity and is of a thickness in a range of from 10 to 50 μm.

47. (AS NEW HEREIN) A plasma display panel as recited in claim 14, wherein each color phosphor stripe is exposed to a discharge gas space, within the respective elongated cavity and between the first and second substrates, and is of a thickness in a range of from 10 to 50 μm.

48. (AS NEW HEREIN) A plasma display panel as recited in claim 19, wherein each color phosphor stripe is exposed to a discharge gas space, within the respective elongated cavity and between the first and second substrates, and is of a thickness in a range of from 10 to 50 μm.